

BPA FACTS

Unless otherwise noted, information is for fiscal year 2002.

Profile

The Bonneville Power Administration is a federal agency, under the U.S. Department of Energy, that markets wholesale electrical power and operates and markets transmission services in the Pacific Northwest. The power comes from 31 federal hydro projects, one nonfederal nuclear plant and several other nonfederal power plants. The hydro projects and the electrical system are known as the Federal Columbia River Power System. About 45 percent of the electric power used in the Northwest comes from BPA. BPA's transmission system accounts for about three-quarters of the region's high-voltage grid, and includes major transmission links with other regions.

BPA is a self-funding agency, which pays for its costs through power and transmission sales. Both power and transmission are sold at cost, and BPA repays any borrowing from the U.S. Treasury with interest.

BPA's customers include publicly owned and investor-owned utilities, as well as some large industries. BPA also sells or exchanges power with utilities in Canada and the western United States.

Revenues BPA earns help it fulfill public responsibilities that include low-cost and reliable power and investments in energy conservation and renewable resources. BPA also funds the region's efforts to protect and rebuild fish and wildlife populations in the Columbia River Basin.

General Information

BPA established	1937
Service area size (square miles)	300,000
Pacific Northwest population	11,300,885
Transmission line (circuit miles)	15,397
BPA-owned substations	284
Employees (FTE)	3,121

BPA service area

Oregon, Washington, Idaho, western Montana and small portions of Wyoming, Nevada, Utah, California and eastern Montana.

13 federally recognized tribes & reservations in the Columbia River Basin

Burns-Paiute, Nez Perce, Umatilla, Coeur D'Alene, Salish-Kootenai, Yakama, Colville, Shoshone-Bannock, Warm Springs, Kalispel, Shoshone-Paiute, Kootenai and Spokane.

Other facts

- About 70 percent of the power BPA sells is hydroelectric.
- BPA owns and operates more than three-fourths of the high-voltage transmission grid in the Pacific Northwest.
- BPA has spent more than \$7 billion to support Northwest fish and wildlife recovery which includes more than \$3.5 billion in energy purchases and loss of energy sales due to fish operations.
- Since 1981, BPA has saved 860 average megawatts of energy through its energy conservation programs.

Mission Statement

BPA exists to meet its public responsibilities through commercially successful businesses.

Public Responsibilities

- Assure an adequate, economical, efficient and reliable power supply to the Pacific Northwest.
- Ensure transmission access, public preference and regional preference to customers.
- Fulfill environmental and social obligations, such as protection and enhancement of fish and wildlife and leadership in conservation and renewables development.
- Preserve and balance the economic and environmental benefits of the Columbia River federal hydropower system (as one of the key river managers).

2002 Financial Highlights ^{1/} (\$000)

Operating Results

Revenues	\$3,495,375
SFAS 133 mark-to-market	38,354
Total operating revenues	3,533,729
Total operating expenses	3,171,954
Net operating revenues	361,775
Net interest expense	352,300
Net revenues	\$ 9,475

^{1/} For the Federal Columbia River Power System.

Balance Sheet (as of Sept. 30, 2002)

Assets:

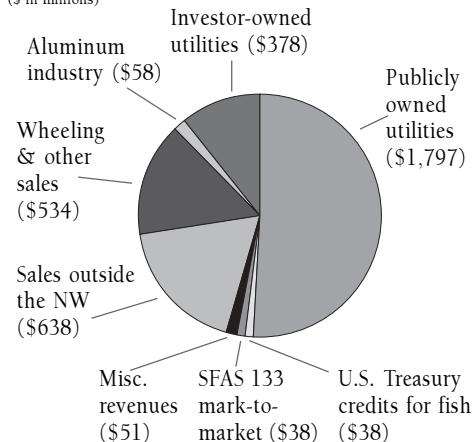
Federal generation & transmission	\$ 8,636,109
Nonfederal projects	6,201,544
Trojan decommissioning cost	73,861
Conservation	409,571
Fish and wildlife	134,204
Current assets	905,252
Other assets	151,458
Total assets	\$16,511,999

Capitalization & liabilities:

Accumulated net expense	\$ (211,676)
Federal appropriations	4,595,915
Capitalization adjustment	2,192,400
Long-term debt	2,563,141
Non-federal projects debt	5,958,538
Trojan decommissioning reserve	63,861
Current liabilities	850,418
Deferred credits	499,402
Total capitalization & liabilities	\$16,511,599

2002 Sources of Revenue

(\$ in millions)



BPA Rates

Wholesale power rates^{2/} (4/1/03-9/30/03)

Average Priority Firm (shaped, undelivered)	3.33 cents/kWh
Average Priority Firm (flat, undelivered)	2.95 cents/kWh
Residential Load (flat, undelivered)	2.95 cents/kWh
Priority Firm Exchange (flat, undelivered)	2.95 cents/kWh

^{2/} Shaped and flat products are different. For a shaped product, BPA provides power to meet the moment-to-moment variability in load within the BPA customer's system. For a flat product, or block, there is no variation in the amount of power BPA provides to the customer. These rates do not include the cost of transmission.

Transmission rates^{3/} (FY 2002 -2003)

Network rates:

Firm	\$14.916/kW/yr
Nonfirm	.358 cents/kWh

Southern Intertie rates:

Firm	\$16.668/kW/yr
Nonfirm	.400 cents/kWh

^{3/} Includes the two required Ancillary Services. All short-term firm and nonfirm rates are downwardly flexible.

Generation (CY 2002)

Average federal hydro generation	8,340 aMW
Average total generation	11,448 aMW
60-min. hydro peak generation	17,015 MW
60-min. total peak generation	19,802 MW
All-time 60-min. total peak generation record (June 2002)	19,802 MW

BPA Resources^{4/}

(for OY 2002 under 1937 water conditions)

Sustained peak capacity 17,462 MW

hydro: 13,898 MW (80%)
nuclear: 915 MW (5%)
firm contracts & other resources: 2,649 MW (15%)

Firm energy (12-month avg.) 9,871 aMW

hydro: 6,647 aMW (67%)
nuclear: 972 aMW (10%)
firm contracts & other resources: 2,253 aMW (23%)

Regional Resources^{4/}

(for OY 2002 under 1937 water conditions)

Sustained peak capacity 34,258 MW

hydro: 23,773 MW (70%)
coal: 3,566 MW (10%)
nuclear: 915 MW (3%)
imports: 2,751 MW (8%)
combustion turbines: 1,377 MW (4%)
non-utility generation: 1,090 MW (3%)
cogeneration & other resources: 787 MW (2%)

Firm energy (12-month avg.) 20,491 aMW

hydro: 11,283 aMW (55%)
coal: 3,920 aMW (19%)
nuclear: 972 aMW (5%)
imports: 1,699 aMW (8%)
combustion turbines: 636 aMW (3%)
non-utility generation: 1,199 aMW (6%)
cogeneration & other resources: 780 aMW (4%)

^{4/} Forecast figures from BPA's 2000 Pacific Northwest Loads & Resources Study. The values listed have been reduced to take into account capacity and energy adjustments. Capacity adjustments include forced outage reserves, spinning reserves, hydro maintenance and transmission loss reductions. Energy adjustments include hydro maintenance and transmission losses reductions.



Federal Hydro Projects ^{5/}

Name	River, State	In Service	Max. Capacity
Albeni Falls	Pend Oreille, ID	1955	49 MW
Anderson Ranch	Boise, ID	1950	40 MW
Big Cliff	Santiam, OR	1953	21 MW
Black Canyon	Payette, ID	1925	10 MW
Boise River Diversion ^{6/}	Boise, ID	1912	2 MW
Bonneville	Columbia, OR/WA	1938	1,104 MW
Chandler	Yakima, WA	1956	12 MW
Chief Joseph	Columbia, WA	1958	2,614 MW
Cougar	McKenzie, OR	1963	28 MW
Detroit	Santiam, OR	1953	115 MW
Dexter	Willamette, OR	1954	17 MW
Dworshak	Clearwater, ID	1973	465 MW
Foster	Santiam, OR	1967	23 MW
Grand Coulee	Columbia, WA	1942	6,809 MW
Green Peter	Santiam, OR	1967	92 MW
Green Springs	Emigrant Crk, OR	1960	17 MW
Hills Creek	Willamette, OR	1962	34 MW
Hungry Horse	Flathead, MT	1953	428 MW
Ice Harbor	Snake, WA	1962	693 MW
John Day	Columbia, OR/WA	1971	2,480 MW
Libby	Kootenai, MT	1975	605 MW
Little Goose	Snake, WA	1970	930 MW
Lookout Point	Willamette, OR	1953	138 MW
Lost Creek	Rogue, OR	1977	56 MW
Lower Granite	Snake, WA	1975	930 MW
Lower Monumental	Snake, WA	1969	930 MW
McNary	Columbia, OR/WA	1952	1,120 MW
Minidoka	Snake, ID	1909	28 MW
Palisades	Snake, ID	1958	177 MW
Roza	Yakima, WA	1958	13 MW
The Dalles	Columbia, OR/WA	1957	2,080 MW
Total (31 dams)			22,059 MW

Owned and operated by the U.S. Army Corps of Engineers (21 dams)

Owned and operated by the Bureau of Reclamation (10 dams).

^{5/} List does not include Teton Dam, which ruptured in 1976.

^{6/} Currently undergoing a major upgrade.

Transmission System

Operating voltage	Circuit miles
1,000 kV	264 ^{7/}
500 kV	4,476
345 kV	570
287 kV	125
230 kV	5,319
161 kV	46
138 kV	69
115 kV	3,920
below 115 kV	608
Total	15,397

^{7/} BPA's portion of the PNW/PSW direct-current intertie. The total length of this line from The Dalles, Ore., to Los Angeles is 846 miles.

Fish & Wildlife Investments

(\$ in millions)

	FY 2002
BPA F&W program expense ^{8/} (does not include \$6.1 million capital)	\$ 144.2
F&W expenses of other entities	51.1
Repayment for capital investments	76.6
Program expenses subtotal	\$271.9
Hydro operations:	
Power purchases	\$147.8
Foregone power sales	12.6
Hydro operations subtotal	160.4
Total F&W Investments for FY 2002	\$432.3

^{8/} Integrated program and action plan/high priority.

Conservation

(\$ in millions)

	FY 2002	Total ^{9/}
Total BPA expenses	\$75	\$1,892
Megawatts saved:		
Residential programs	19.5 aMW	206 aMW
Commercial programs	9.5 aMW	130 aMW
Industrial programs	2.5 aMW	93 aMW
Agricultural programs	1.3 aMW	15 aMW
Multi-sector programs	7.6 aMW	112 aMW
Con/Mod	0 aMW	96 aMW
Programs subtotal	40.4 aMW	652 aMW
Improved building codes	13.0 aMW	180 aMW
Total aMW saved	65.4 aMW	860 aMW

^{9/} Cumulative total since 1981.

Major Federal Laws under which BPA Operates

- Bonneville Project Act, Aug. 20, 1937
- Flood Control Act, June 5, 1944
- Pacific Northwest Regional Preference Act, Aug. 31, 1964
- National Environmental Policy Act, Jan. 1, 1970
- Federal Columbia River Transmission System Act (Self-Financing Act), Oct. 18, 1974
- Pacific Northwest Electric Power Planning and Conservation Act (Northwest Power Act), Dec. 5, 1980
- National Energy Policy Act, Oct. 22, 1992

Senior Executives

Steve Wright, *Administrator*

Steve Hickok, *Deputy Administrator*

Ruth Bennett, *Acting Chief Operating Officer*

Terry Esvelt, *Senior Vice President,*

Workforce/Workplace

Mark Maher, *Senior Vice President,*

Transmission Business Line

Paul Norman, *Senior Vice President,*

Power Business Line

Randy Roach, *Senior Vice President,*

General Counsel

Points of Contact

General BPA Offices & Web Sites

BPA Headquarters • 905 N.E. 11th Ave. • P.O. Box 3621
• Portland, OR 97208 • (503) 230-3000 • Web site <http://www.bpa.gov>

Public Information Center • 905 N.E. 11th Ave.
• P.O. Box 3621 • Portland, OR 97208 • (503) 230-7334
• 1-800-622-4520

Washington, D.C. Office • Forrestal Bldg., Room 8G-061
• 1000 Independence Ave., S.W. • Washington, DC 20585
• (202) 586-5640

Crime Witness Program • 1-800-437-2744 • To report crimes to BPA property or personnel.

Transmission Business Line's Regional Offices

TBL Headquarters • P.O. Box 491
• Vancouver, WA 98666-0491 • (360) 418-2000

Eugene Region • 86000 Hwy. 99 S.
• Eugene, OR 97405 • (541) 465-6991

Idaho Falls Region • 1350 Lindsay Blvd.
• Idaho Falls, ID 83402 • (208) 524-8770

Olympia Region • 5240 Trosper St. S.W.
• Olympia, WA 98512-5623 • (360) 704-1600

Redmond Region • 3655 W. Highway 126
• Redmond, OR 97756 • (541) 548-4015

Snohomish Region • 914 Ave. D
• Snohomish, WA 98290 • (360) 568-4962

Spokane Region • 2410 E. Hawthorne Rd.
• Mead, WA 99021 • (509) 358-7358

Walla Walla Region • 6 W. Rose St., Suite 400
• Walla Walla, WA 99362 • (509) 527-6238

Power Business Line's Customer Service Centers

Bend CSC • 1011 S.W. Emkay Dr., Suite 211
• Bend, OR 97702 • (541) 318-1680

Big Arm CSC • P.O. Box 40
• Big Arm, MT 59910 • (406) 849-5034

Burley CSC • 2700 Overland
• Burley, ID 83318 • (208) 678-9481

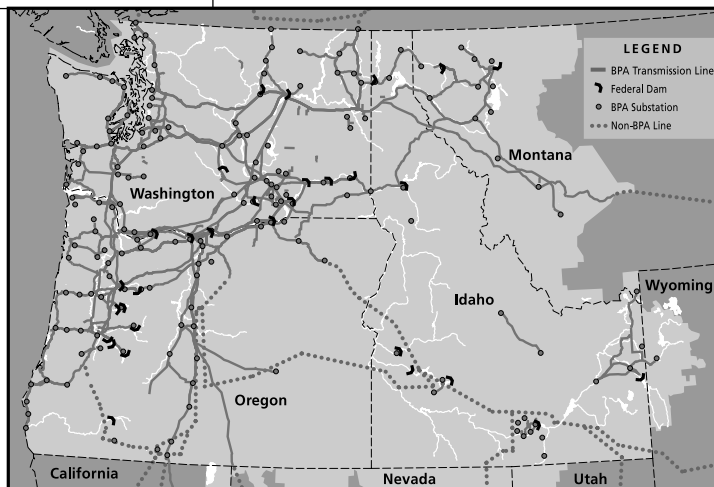
Eastern Area CSC • 707 W. Main St., Suite 500
• Spokane, WA 99201-0641 • (509) 358-7409

Richland CSC • Kootenai Bldg., Room 215 • North Power Plant Loop • Richland, WA 99352 • (509) 372-5771

Seattle CSC • 909 First Ave., Suite 380
• Seattle, WA 98104-3636 • (206) 220-6759

Western Area CSC • 905 N.E. 11th Ave.
• Portland, OR 97232 • (503) 230-3584

Transmission System and Federal Dams



• June 2003 •